## DECLARATION

As a below named	inventor,	I deci	lare	that:
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My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MANAGEMENT OF VIRTUAL AND PHYSICAL NETWORK INVENTORIES the specification of which \_\_\_\_ is attached hereto or \_X\_ was filed on August 1, 2001 as Application No. 09/921,282 and was amended on \_\_\_\_\_ (if applicable).

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
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I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/222,791	August 1, 2000

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status

Full Name of Inventor 1:	Last Name: CERAMI	First Name: RICHARD	Middle Name or It	nitial:
Residence & Citizenship:	City: Denver	State/Foreign Country: Colorado	Country of Citizer United States	•
Post Office Address:	Post Office Address: 1475 Lawrence Street, #400	City: Denver	State/Country: Postal Coc Colorado 80202	
Full Name of Inventor 2:	Last Name: FIGUEROA	First Name: TIMOTHY	Middle Name or I	nitial:
Residence & Citizenship:	City: Aurora	State/Foreign Country: Colorado	Country of Citizen United States	•
Post Office Address:	Post Office Address: 15231 East Hialeah Place	City: Aurora	State/Country: Colorado	Postal Code: <b>80015</b>

Full Name of Inventor 3:	Last Name: STORAASLI	First Name: ROXANNA	Middle Name or Initial:	
Residence & Citizenship:	City: Denver	State/Foreign Country: Colorado	Country of Citizen United States	•
Post Office Address:	Post Office Address: 1475 Lawrence Street, 4th Floor	City: Denver	State/Country: Colorado	Postal Code: 80202

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Richard S. Cerami	Timothy Figueroa	Roxanna Storaasli
Date	Date	Date

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## ASSIGNMENT OF PATENT APPLICATION

**JOINT** 

WHEREAS, Richard S. Cerami of 1475 Lawrence Street, #400, Denver, CO 80202; Timothy Figueroa of 15231 East Hialeah Place, Aurora, CO 80015; Roxanna Storaasli of 1475 Lawrence Street, 4th Floor, Denver, CO 80202; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

MANAGEMENT OF VIRTUAL AND PHYSICAL

**NETWORK INVENTORIES** 

Date(s) of execution of Declaration:

Filing Date:

August 1, 2001

Application No.:

09/921,282; and

WHEREAS, Qwest Communications International, Inc., a corporation of the state of Delaware, located at 1801 California Street, Suite 3800, Denver, CO, 80202-2658, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Richard S. Cerami

D . 1			
Dated:			

Assignment Attorney Docket No.: 020366-077 Page 2	210US		
STATE OF	)		•
COUNTY OF	)	SS.	
evidence) to be the person whose	name is s orized cap rson acte	subscribed pacity, and	before me,, ally known to me (or proved to me on the basis of satisfactory to the within instrument, and acknowledged to me that he/she d that by his/her signature on the instrument the person, or the d the instrument.
My Commission Expires:			NOTARY PUBLIC
Dated:			Timothy Figueroa
STATE OF	)		
COUNTY OF	)	SS.	
On		. 1	before me.
evidence) to be the person whose r	name is sorized cap son acted	ubscribed pacity, and	before me,
			NOTARY PUBLIC
My Commission Expires:		_	

Dated:	-	Roxanna Storaasli
STATE OF COUNTY OF	) ) ss.	
	,	, before me,, before me,, before me on the basis of satisfactory
evidence) to be the person whose i	name is subsc orized capacit	ribed to the within instrument, and acknowledged to me that he/she y, and that by his/her signature on the instrument the person, or the
WITNESS my hand and official se	al.	
		NOTARY PUBLIC
My Commission Expires:		

Assignment Attorney Docket No.: 020366-077210US Page 3

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DATE: 11/02/01

Tracking #: 475345085436

Service Type: FO

Activity	City	St	Date Time	
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Stat Exception: Pre-routed meter pkg picked up

Delivered to..: Residential

Delivery time.: 09:55

Signed for by.: L.FIGUEROA

Delivery Address: 15231 E HIALEAH PL



## **DECLARATION**

As a below named inventor, T declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and solo
inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject
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Prior Foreign Application(s)

			Priority Claimed Under
Country	Application No.	Date of Filing	35 USC 119

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/222,791	August 1, 2000

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Application No.	Date of Filing	Status

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Residence & Citizenship:	City: Aurora	State/Foreign Country: Colorado	Country of Citizenship: United States	
Post Office Address:	Post Office Address: 15231 East Hialeah Place	City: Aurora	State/Country: Colorado	Postal Code: 80015





Full Name of Inventor 3:	Last Name: STORAASLI	First Name: ROXANNA	Middle Name or In	nitial:
Residence & Citizenship:	City: Denver	State/Foreign Country: Colorado	Country of Citizen United States	ship:
Post Office Address:	Post Office Address: 1475 Lawrence Street, 4th Floor	City: <b>Denver</b>	State/Country: Colorado	Postal Code: <b>80202</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Rof 1) Com		Roxanna Storaasli
Richard S. Čerami	Timothy Figueroa	Roxanna Storaasli
Date 10-01-01	Date	Date 10/02/01

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